

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

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Claim 1 (currently amended): A system comprising:

a terminal device attached to a first network and comprising a visual display;

a medical device attached to the first network;

a communication initiated by the medical device and transmitted over the first network, the communication comprising at least one of status information and programming information for the medical device;

a first server attached to the first network, the first server storing validated data;

a second server in communication with the first server via a second network, the second server storing non-validated data, wherein the medical device and the terminal device communicate with the first server, and wherein the second server is separated from the medical device and the terminal device via the first server and the second network, the first server, and the first network;

a message generated by the first server and transmitted over the first network upon at least one of a request by the terminal device and an occurrence of an event, said message comprising at least a portion of the status or the programming information contained within the communication initiated by the medical device, wherein at least a portion of said message is provided in a humanly readable format on the visual display; and

a message generated by the second server, the message generated at least in part upon one of: (i) a request from the first server; and (ii) automatically, the message and transmitted over the network through the first server, the message including patient information, second network to the first server and over the first network to at least the terminal device.

Claim 2 (previously presented): The system of claim 1, further comprising a request message generated by a software application, the software application being executed by the terminal device;

a response message generated in response to the request message, the response message comprising first information contained within a first data packet generated by the medical device, and wherein said first information is modified in response to a change in second information contained within a second data packet generated by the medical device.

Claim 3 (previously presented): The system of claim 2 wherein the software application is written in a high-level software language.

Claim 4 (previously presented): The system of claim 2 wherein the software application is written in an object-oriented language.

Claim 5 (previously presented): The system of claim 2 wherein the software application comprises a Web browser.

Claim 6 (previously presented): The system of claim 2 wherein the software application resides on the first server and an output from the software application is displayed in a browser.

Claim 7 (original): The system of claim 1 wherein the network is located within a health care facility.

Claim 8 (previously presented): The system of claim 1 wherein the medical device comprises an infusion pump.

Claim 9 (previously presented): The system of claim 2, wherein said information comprises at least one of an alarm, an alert, and a notification.

Claim 10 (previously presented): The system of claim 9, wherein said change in the second information comprises cancellation of at least one of an alarm, an alert, and a notification.

Claim 11 (previously presented): The system of claim 2, wherein said first information comprises pump programming information.

Claim 12 (previously presented): The system of claim 2, wherein said medical device comprises an infusion pump and said change in the second information comprises a change in the pump programming.

Claim 13 (original): The system of claim 1 wherein the terminal device is associated with a clinician responsible for care of a patient and the medical device is attached to the patient.

Claim 14 (currently amended): A system comprising:

a request message generated by a program within a software application executed by a terminal device, the request message sent to a first central computer via a first network;

a response message sent from a the first central computer in response to the request message and comprising information contained within a data packet generated by a medical device attached to the first network, wherein said information is modified in response to a change in the information contained within another data packet generated by the medical device, wherein a second central communicates with the first central computer via a second network, the second central computer separated from the medical device and terminal device via the second network, the first central computer, and the first network, and wherein the first central computer stores validated data and the second central computer stores non-validated data; and

a response message sent from the first central computer including patient information contained within a data packet generated by a the second central computer, wherein the second central computer is in communication with the first central computer, the medical device and terminal device separated from the second central computer via the first central computer and the network the response message generated at least in part upon a request from the second central computer, wherein the response message is sent over the first network to at least the terminal device.

Claim 15 (original): The system of claim 14 wherein the program is written in a high-level software language.

Claim 16 (original): The system of claim 14 wherein the program is written is an object-oriented language.

Claim 17 (original): The system of claim 14 wherein the program is written in JAVA.

Claim 18 (original): The system of claim 14 wherein the program is written in C+.

Claim 19 (original): The system of claim 14 wherein the program is written in Visual Basic Script.

Claim 20 (original): The system of claim 14 wherein the software application is a Web browser.

Claim 21 (previously presented): The system of claim 14 wherein the software application resides on a server and an output from the software application is displayed in a browser.

Claim 22 (original): The system of claim 14 wherein the terminal device is attached to a network within a health care facility.

Claim 23 (original): The system of claim 14 wherein the medical device is an infusion pump.

Claim 24 (original): The system of claim 23, said information comprising an alarm or an alert.

Claim 25 (original): The system of claim 24, said change in the information comprising cancellation of an alarm or an alert.

Claim 26 (original): The system of claim 23, said information comprising pump programming.

Claim 27 (original): The system of claim 26, said change in the information comprising a change in the pump programming.

Claim 28 (original): The system of claim 14, wherein the terminal device is associated with a clinician responsible for care of a patient and the medical device is attached to the patient.

Claims 29 to 30 (cancelled).

Claim 31 (new): The system of claim 1, wherein the second network is an isolated point-to-point cable communication Ethernet network.

Claim 32 (new): The system of claim 14, wherein the second network is an isolated point-to-point cable communication Ethernet network.